

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

JAMES L. TOMARKEN, MD, MPH, MBA, MSW
Commissioner

Revised October 7, 2016

**SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
APPROVAL LIST OF INNOVATIVE AND ALTERNATIVE
ONSITE WASTEWATER TREATMENT SYSTEMS (I/A OWTS)**

Issued under authority of Suffolk County Sanitary Code Article 19 Standards, this list hereby specifies approved I/A OWTS residential technologies in Suffolk County:

Technology Name	Approval Type	Approval Date
Hydro-Action AN Series	Provisional	September 28, 2016
Norweco Singulair TNT	Provisional	October 7, 2016



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DIVISION OF ENVIRONMENTAL QUALITY – Office of Wastewater Management
360 Yaphank Avenue, Suite 2C, Yaphank, NY 11980 (631) 852 - 5700

Approved Technologies

Technology Name: Hydro-Action AN Series

Approval: Provisional Use for up to 1,000 gpd residential.

Approval Date: September 2016

Manufacturer Information:

Pete Sabo
Hydro-Action Industries
AK/HA Manufacturing
PO Box 640
Plymouth, IN 46563
Phone: (800) 370-3749
Email: pete@hydro-action.com

Distributor Information:

Joe Densieski
Wastewater Works, Inc.
388 Howell Ave.
Riverhead, NY 11901
Phone: 631-831-2580
Email: wastewaterworksinc@gmail.com

Description:

The Hydro-Action systems utilizes a suspended growth aeration system. The treatment occurs as wastewater enters the pretreatment tank and flows by gravity into the aeration compartment. Wastewater flows by gravity from the aeration chamber through a hole in the base of the cone-shaped clarifier, where final settling takes place. The hydraulic roll created by the aeration system helps draw settled solids out of the base of the clarifier and back into the aeration chamber. The aerobically-charged wastewater is then recirculated back to the pretreatment tank, where it further denitrifies. Treated wastewater exits by gravity through a tee structure located in the center of the clarifier, treated effluent is then discharged to a Department approved leachfield structure.



Technology Name: **Norweco Singulair TNT**

Approval: Provisional Use for up to 1,000 gpd residential.

Approval Date: October 7, 2016

Manufacturer Information:

Scott Hetrick, Sales Manager
Norweco, Inc.
220 Republic Street
Norwalk, OH 44857
Web: www.norweco.com
Phone: (419) 668-4471
Email: shetrick@norweco.com

Distributor Information:

Tom Montalbine, President
Roman Stone Construction Company
85 South Fourth Street
Bayshore, NY 11706
Web: www.romanstoneco.com
Phone: 631-667-0566 Ext.114
Email: tmontalbine@romanstoneco.com

Description:

The Singulair wastewater treatment system is a self-contained three-chambered treatment system utilizing primary treatment (settling), mechanical aeration, clarification, and flow equalization to achieve treatment. Wastewater from the building enters the primary settling chamber through an inlet tee, then enters an aeration chamber. In the aeration chamber, an aspirator at the bottom of a shaft disperses air radially as fine bubbles provide oxygen for the biomass and vertically mix chamber contents. The wastewater in the aeration chamber passes through to the clarification chamber for final settling of solids. Treated wastewater passes through an effluent filter as it exits the system and is then gravity fed to the leachfield.

